

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	1809	digital adj watermark	US-PGPUB; USPAT	OR	ON	2007/12/04 22:21
S2	99	("6320829" "6370319" "6526510" "6687802" "6477276" "6342924" "6359573" "6636551" "6185312" "6131162" "6268866" "6425081" "6499105" "6636617" "6674874" "6694040" "6707927" "6711276" "6721437" "6728408" "6741723" "6807285" "6810131" "6865677" "6901515" "6952486" "5960081" "6425082" "6446130" "6571220" "6598162" "6628591" "6701436" "6748362" "6850619" "6892175" "6912294" "6978020" "7013078" "6735699" "6810388" "6415041" "6470090" "4796100" "5408449" "6865431" "6912514" "5684770" "4472638" "4760600").pn. ("5764157" "5860130" "5963550" "6141537" "6204889" "6266483" "6385394" "6442337" "6445877" "6243032" "5668339" "6567018" "6882728" "6909784" "6947572" "5265082" "6480607" "6493457" "6690812" "6754158" "6802011" "6104826" "6111990" "6031914" "6061793" "6061793" "6246775" "5822432" "5905800" "5946414" "6065119" "6122392" "6141441" "6182218" "6208735" "6233347" "6233684" "4297729" "5354097" "5488664" "5613004" "5636292" "5652803" "5659628" "5664018" "5687236" "5710834" "5719939" "5727092" "5734752").pn.	US-PGPUB; USPAT	OR	ON	2006/05/02 09:57
S3	1552	detect\$ same survival same rate	US-PGPUB; USPAT	OR	ON	2006/05/02 09:58
S4	3	detect\$ same survival same rate and digital adj watermark	US-PGPUB; USPAT	OR	ON	2006/05/02 10:00
S5	0	survival with rate and digital adj watermark	US-PGPUB; USPAT	OR	ON	2006/05/02 10:02
S6	23	weak same strong and digital adj watermark	US-PGPUB; USPAT	OR	ON	2006/05/02 12:26
S7	1	"5825969".pn.	US-PGPUB; USPAT	OR	ON	2006/05/02 11:07
S8	16	("4475222"   "4628359"   "4740890"   "5023741"   "5477276"   "5535275"   "5577735").PN. OR ("5825969").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/02 11:07
S9	0	digital adj watermark and survival adj rate	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/02 12:26
S10	0	digital adj watermark and survival with rate	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/02 12:26
S11	15	digital adj watermark and survi\$ with rate	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/02 12:26
S12	0	digital adj watermark same control adj output	US-PGPUB; USPAT	OR	ON	2006/05/09 07:50
S13	5	digital adj watermark same control adj2 output	US-PGPUB; USPAT	OR	ON	2006/05/09 07:52
S14	3	digital adj watermark and survi\$ adj rate	US-PGPUB; USPAT	OR	ON	2006/05/09 07:53
S15	4	watermark and survi\$ adj rate	US-PGPUB; USPAT	OR	ON	2006/05/09 07:54
S16	0	watermark and survi\$ adj rate	JPO; DERWENT; IBM_TDB	OR	ON	2006/05/09 07:54
S17	0	watermark and survi\$ adj rate	USOCR; EPO	OR	ON	2006/05/09 07:57
S18	8	digital adj watermark and (survi\$ robust\$)	USOCR; EPO	OR	ON	2006/05/09 07:58

## EAST Search History

S19	438	digital adj watermark and (survi\$ robust\$)	USPAT	OR	ON	2006/05/09 07:58
S20	133	digital adj watermark same (survi\$ robust\$)	USPAT	OR	ON	2006/05/09 07:59
S21	29	digital adj watermark same (survi\$ robust\$) same detect	US-PGPUB; USPAT	OR	ON	2006/05/09 08:19
S22	1	"6154571".pn.	US-PGPUB; USPAT	OR	ON	2006/05/09 08:22
S23	7	watermark same determine same quality same recording	US-PGPUB; USPAT	OR	ON	2006/05/09 08:20
S24	1	"6154571".pn. and (copies)	US-PGPUB; USPAT	OR	ON	2006/05/09 08:27
S25	1331	detect\$ with robustness	US-PGPUB; USPAT	OR	ON	2006/05/09 08:38
S26	238	watermark with determine\$ with (copy generation)	US-PGPUB; USPAT	OR	ON	2006/05/09 08:42
S27	104	(electronic digital) adj watermark with control with copy	US-PGPUB; USPAT	OR	ON	2006/05/09 08:43
S28	34	(electronic digital) adj watermark with control with copy	USPAT	OR	ON	2006/05/09 08:54
S29	15	(electronic digital) adj watermark with control with copy and quality	USPAT	OR	ON	2006/05/09 09:22
S30	2	(electronic digital) adj watermark with restrict with copy and quality	USPAT	OR	ON	2006/05/09 09:25
S31	0	(electronic digital) adj watermark with restrict with copy with quality	USPAT	OR	ON	2006/05/09 09:23
S32	16	(electronic digital) adj watermark and restrict with copy and quality	USPAT	OR	ON	2006/05/09 09:25
S33	1	(electronic digital) adj watermark and restrict with copy with quality	USPAT	OR	ON	2006/05/09 10:06
S34	0	mitui.in.	JPO	OR	ON	2006/05/09 10:07
S35	18503	ishihara.in.	JPO	OR	ON	2006/05/09 10:07
S36	3	ishihara.in. and hideshow.in.	JPO	OR	ON	2006/05/09 10:07
S37	5	("6266299"   "6279959"   "6608804"   "6707774").PN. OR ("6937553"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/09 10:10
S38	10	("6266299"   "6279959"   "6608804"   "6707774").PN. OR ("6937553"). URPN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/09 10:13
S39	2	((("6266299"   "6279959"   "6608804"   "6707774").PN. OR ("6937553"). URPN.) and quality	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/09 11:20
S40	21	restrict with reproduction with quality	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/09 11:23
S41	145	degrade with reproduction with quality	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/09 11:23
S42	1	"6278836".pn. and (reproduction restrict degrade quality digital watermark)	US-PGPUB; USPAT	OR	ON	2006/05/09 12:00
S65	0	"6278836".pn. and auxiliary adj information and (restrict allow permit prohibit) and (weak robust)	US-PGPUB; USPAT	OR	ON	2006/05/09 12:45
S66	0	"6154571".pn. and auxiliary adj information and (restrict allow permit prohibit) and (weak robust)	US-PGPUB; USPAT	OR	ON	2006/05/09 12:45
S67	1	"6154571".pn. and (restrict allow permit prohibit) and (weak robust)	US-PGPUB; USPAT	OR	ON	2006/05/09 12:46
S68	1	digital adj watermark and (robust strong) same weak same compression	US-PGPUB; USPAT	OR	ON	2006/05/09 12:50

## EAST Search History

S69	4	digital adj watermark and (robust strong) same compression and weak same compression	US-PGPUB; USPAT	OR	ON	2006/05/09 12:50
S70	263	digital adj watermark and (robust strong) same compression	US-PGPUB; USPAT	OR	ON	2006/05/09 12:50
S71	12	digital adj watermark and weak same compression	US-PGPUB; USPAT	OR	ON	2006/05/09 12:50
S72	1	"6307949".pn.	US-PGPUB; USPAT	OR	ON	2006/05/09 15:00
S73	1769	713/176.ccls.	US-PGPUB; USPAT	OR	ON	2006/05/09 15:02
S74	850	713/176.ccls.	USPAT	OR	ON	2006/05/09 15:02
S75	9984	survival adj rate	US-PGPUB; USPAT	OR	ON	2006/11/06 11:10
S76	1	survival adj rate and watermark	US-PGPUB; USPAT	OR	ON	2006/11/06 11:10
S77	104	digital adj watermark same surviv\$	US-PGPUB; USPAT	OR	ON	2006/11/06 15:58
S78	2072	713/176.ccls.	US-PGPUB; USPAT	OR	ON	2006/11/06 15:58
S79	1024	713/176.ccls.	USPAT	OR	ON	2006/11/06 15:58
S80	19	("6278668" "6278836" "6301663" "6307949" "6307949" "6310956" "6320829" "6370319" "6434322" "6438692" "6545955" "6598162" "6674858" "6687802" "6711276" "6721437" "6757405" "6802074" "6850619" "6937553").PN.	US-PGPUB; USPAT	OR	ON	2006/11/06 16:21
S81	20	(US-6850619-\$ or US-6757405-\$ or US-6721437-\$ or US-6711276-\$ or US-6598162-\$ or US-6434322-\$ or US-6310956-\$ or US-6307949-\$ or US-6154571-\$ or US-6370319-\$ or US-6687802-\$ or US-6320829-\$ or US-6937553-\$ or US-6438692-\$ or US-6802074-\$ or US-6301663-\$ or US-6278836-\$ or US-6278668-\$ or US-6545955-\$ or US-6674858-\$).did.	USPAT	OR	ON	2006/11/06 16:22
S82	1	S81 not S80	USPAT	OR	ON	2006/11/06 16:22
S83	1	S81 not S80	US-PGPUB; USPAT	OR	ON	2006/11/06 16:22
S84	20	(US-6850619-\$ or US-6757405-\$ or US-6721437-\$ or US-6711276-\$ or US-6598162-\$ or US-6434322-\$ or US-6310956-\$ or US-6307949-\$ or US-6154571-\$ or US-6370319-\$ or US-6687802-\$ or US-6320829-\$ or US-6937553-\$ or US-6438692-\$ or US-6802074-\$ or US-6301663-\$ or US-6278836-\$ or US-6278668-\$ or US-6545955-\$ or US-6674858-\$).did.	US-PGPUB; USPAT	OR	ON	2006/11/06 16:22
S85	1	"7006627".pn.	US-PGPUB; USPAT	OR	ON	2006/11/07 10:24

## EAST Search History

S86	150	("6185312" "6131162" "6268866" "6320829" "6370319" "6425081" "6499105" "6526510" "6636617" "6674874" "6687802" "6694040" "6707927" "6711276" "6721437" "6728408" "6741723" "6807285" "6810131" "6865677" "6901515" "6952486" "7024017" "7046807" "7058820" "7062068" "7082537" "7113613" "7123744" "7142692" "7159089" "7171021" "7206432" "7216368" "20010027450" "20010028725" "20020019946" "20020026362" "20020032863" "20020035688" "20020049580" "20020059522" "20020076082" "20020095579" "20020104003" "20020126762" "20020126874" "20020126996" "20020129254" "20020133705" "20020168086" "20020181705" "20020186861" "20020188840" "20030059082" "20030065621" "20030091213" "20030108219" "20030120927" "20030140008" "20030151768" "20030154377" "20030161496" "20030172275" "20030172277" "20030185397" "20030188168" "20030191941" "20030218950" "20040008923" "20040013268" "20040015695" "20040015696" "20040015697" "20040015698" "20040022412" "20040028385" "20040030902" "20040034600" "20040088549" "20040098593" "20040103428" "20040136531" "20040143742" "20040143754" "20040146160" "20040153941" "20040156528" "20040161108" "20040184637" "20040208339" "20040249862" "20040255123" "20050033965" "20050053239" "20050053259" "20050089164" "20050097329" "20050105763" "20050120218" "20050169498" "20050180596" "20050182939" "20050185820" "20050234728" "20050254390" "20060062073" "20060103732" "20060104477" "20060204031" "20070003102" "20070033360" "6342924" "6359573" "6567018" "6636551" "6882728" "6909784" "6947572" "7065227" "7113612" "7149324" "7188247" "20010056410" "20020001394" "20020012446" "20020034305" "20020073319" "20020078356" "20020113722" "20020114456" "20020136428" "20030065747" "20030188150" "20030217274" "20040168080" "20040186880" "20040230532" "20040247119" "20040268128" "20050058286" "20050135613" "20050171965" "20050174596" "20050185678" "20050246543" "20050268105" "20060212807" "20060215876" "5530759" ).pn.	US-PGPUB; USPAT	OR	ON	2007/05/25 09:07
S87	0	survival adj rate same digital adj watermark	US-PGPUB; USPAT	OR	ON	2007/05/25 08:26
S88	0	survival adj rate and digital adj watermark	US-PGPUB; USPAT	OR	ON	2007/05/25 08:27
S89	42	survival and digital adj watermark	US-PGPUB; USPAT	OR	ON	2007/05/25 08:35
S90	116	surviv\$ same digital adj watermark	US-PGPUB; USPAT	OR	ON	2007/05/25 08:35
S91	27	surviv\$ same digital adj watermark and (threshold with (higher lower greater))	US-PGPUB; USPAT	OR	ON	2007/05/25 09:00
S92	1	surviv\$ same watermark and (threshold with (higher lower greater))	USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/25 09:01
S93	15	digital adj watermark and surviv\$3 with rate	US-PGPUB; USPAT	OR	ON	2007/05/28 05:17
S94	290	digital adj watermark and copy adj control	US-PGPUB; USPAT	OR	ON	2007/05/28 05:17
S95	131	digital adj watermark and copy adj control and usage	US-PGPUB; USPAT	OR	ON	2007/05/28 05:18
S96	60	digital adj watermark and copy adj control and usage	USPAT	OR	ON	2007/05/28 05:18
S97	2	digital adj watermark and copy adj control and usage and sony.as.	USPAT	OR	ON	2007/05/28 05:18
S98	23	digital adj watermark and copy adj control same usage	USPAT	OR	ON	2007/05/28 05:24
S99	1	digital adj watermark and copy adj control.clm. and usage.clm.	USPAT	OR	ON	2007/05/28 05:20
S10 0	60	digital adj watermark and copy adj control and (usage permitted with use)	USPAT	OR	ON	2007/05/28 05:31
S10 1	1	"6278836".pn. and (use usage palyback play player user).	USPAT	OR	ON	2007/05/28 05:29
S10 2	1	"6278836".pn. and (use usage palyback play player user copy control)	USPAT	OR	ON	2007/05/28 05:44
S10 3	57	digital adj watermark and copy same (usage permitted with use) same control	USPAT	OR	ON	2007/05/28 05:34

## EAST Search History

S10 4	5	digital adj watermark and copy same (usage permitted with use) same control same threshold	USPAT	OR	ON	2007/05/28 05:35
S10 5	0	digital adj watermark and copy same (usage permitted with use) same control same threshold	US-PGPUB	OR	ON	2007/05/28 05:35
S10 6	46	digital adj watermark and copy same (usage permitted with use) same control same (limit value above higher greater)	US-PGPUB; USPAT	OR	ON	2007/05/28 05:40
S10 7	0	(strong same weak) same digital adj watermark and copy same (usage permitted with use) same control	US-PGPUB; USPAT	OR	ON	2007/05/28 05:40
S10 8	9	(strong same weak) same digital adj watermark	US-PGPUB; USPAT	OR	ON	2007/05/28 05:41
S10 9	206	(strong and weak) and digital adj watermark	US-PGPUB; USPAT	OR	ON	2007/05/28 05:41
S11 0	14	(strong and weak) and digital adj watermark and copy same (usage permitted with use) same control	US-PGPUB; USPAT	OR	ON	2007/05/28 05:41
S11 1	0	"6278836".pn. and (strong weak)	USPAT	OR	ON	2007/05/28 05:44
S11 2	0	"6278836".pn. and (watermark)	USPAT	OR	ON	2007/05/28 05:45
S11 3	17	watermark same strong same weak	USPAT	OR	ON	2007/05/28 05:45
S11 4	14	watermark same strong same weak and control	USPAT	OR	ON	2007/05/28 05:45
S11 5	2404	713/176.ccls.	US-PGPUB; USPAT	OR	ON	2007/05/28 06:44
S11 6	1181	713/176.ccls.	USPAT	OR	ON	2007/05/28 06:44
S11 7	25	digital adj watermark with (usage use) with copy	US-PGPUB; USPAT	OR	ON	2007/12/04 23:03
S11 8	150	("20020172395" "20070064940" "20040059918" "20040243540" "20050002526" "20050135615" "20060111913" "20060143018" "20060227968" "20070079131" "20010010078" "20010049788" "20020001277" "20030081779" "20030152368" "20040025024" "20040028385" "20040030902" "20040086119" "20040143754" "20040240846" "20050086488" "20060140403" "20060146604" "20060156003" "20060161777" "20060198557" "20060251252" "20070033360" "20070064937" "20070092079" "20070140078" "20040024588" "20050198504" "20050198505" "20020186844" "20030163724" "20060062426" "20010028725" "20010033674" "20010047478" "20010055391" "20020078359" "20020090114" "20030031341" "20030059082" "20030172277" "20030176934" "20030219143" "20040139324" "20040249862" "20050058318" "20050144006" "20050213528" "20050234728" "20060285722" "20070041667" "20070143617" "20070196024" "20020056081" "20030206635" "20040039913" "20050141748" "20070019836" "20070040934" "20030172275" "20040022412" "20010024510" "20020051960" "20020090109" "20020150247" "20030117920" "20030210803" "20030218950" "20040015698" "20050008191" "20050089164" "20050177727" "20050257075" "20060133644" "20070079130" "20070127771" "20070147207" "20070061577" "20050021398" "20050140788" "20020168086" "20040071311" "20040258243" "20060013488" "20010054150" "20020015508" "20040136565" "20060059349" "20070177761" "20070183622" "20010017717" "20010021260" "20010046308" "20020076082" "20020156742" "20020181706" "20030012404" "20030091213" "20030154377" "20040027393" "20040101282" "20040117629" "20040136531" "20040161108" "20040184637" "20050053259" "20050120218" "20050149735" "20050289064" "20060101269" "20060155649" "20060204030" "20060204031" "20060239502" "20070009232" "20070061585" "20070113094" "20070217606" "20070217652" "20070217653" "20070223782" "20070223783" "20070223784" "20070223786" "20070230696" "20070230740" "20070230741" "20020107691" "20020191809" "20040059933" "20040204943" "20050033579" "20050097333" "20050097334" "20050108542" "20050123135" "20060239501" "20060239503" "20070052560" "20070071277" "20070174059" "20010012019" "20010019611" "20020010826" ).pn.	US-PGPUB; USPAT	OR	ON	2007/12/04 22:25

## EAST Search History

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S12 0	297	S118 S119	US-PGPUB; USPAT	OR	ON	2007/12/04 22:26
S12 1	158	watermark\$ with (usage use) with copy	US-PGPUB; USPAT	OR	ON	2007/12/04 23:04